

10/12/00

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10-13-00

PTO/SB/05 (12/97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	SJ00-00-044	Total Pages	37
First Named Inventor or Application Identifier			PRO
Kevin Frank Smith			PRO 88
Express Mail Label No.	EJ137621500US 519488		

10/12/00
09/689488
U.S.P.
JC948

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. Specification (Total Pages) **30**
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Application
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC 113) (Total Sheets) **5**

4. Oath or Declaration (Total Pages) **2**

a. Newly executed (original or copy)

b. Copy from a prior application (37 CFR 1.63(d))
(for continuation /divisional with Box 17 completed)
[Note Box 5 below]

i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).

5. Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. Microfiche Computer Program (*Appendix*)

7. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*

- a. Computer Readable Copy
- b. Paper Copy (*identical to computer copy*)
- c. Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))

9. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney

10. English Translation Document (*if applicable*)

11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

12. Preliminary Amendment

13. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)

14. Small Entity Statement filed in prior application, Statement(s) Status still proper and desired.

15. Certified Copy of Priority Document(s) *if foreign priority is claimed!*

16. Other: Express Mail Certificate

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

or Correspondence address below

NAME	Brian C. Kunzler
------	------------------

ADDRESS 10 West 100 South

CITY Salt Lake City

COUNTRY United States **TELEPHONE** (801) 994-4646 **FAX** (801) 322-1054

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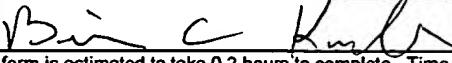
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FEE TRANSMITTAL		Complete If Known	
<p><i>Note: Effective October 1, 1997. Patent fees are subject to annual revision.</i></p>		Application Number	Not yet assigned
		Filing Date	October 12, 2000
		First Named Inventor	Kevin Frank Smith
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	\$ 894 .00	Attorney Docket Number	SJ00-00-044

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2520</td> <td>147</td> <td>2520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1840*</td> <td>113</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1510</td> <td>138</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - intentional</td> <td></td> </tr> <tr> <td>141</td> <td>1240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1210</td> <td>242</td> <td>605</td> <td>Utility issue fee</td> <td></td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>580</td> <td>244</td> <td>290</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>146</td> <td>760</td> <td>246</td> <td>380</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>760</td> <td>249</td> <td>380</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="2">SUBTOTAL (1)</td> <td colspan="2">\$ 710</td> <td colspan="2">SUBTOTAL (3)</td> </tr> <tr> <td colspan="2">2. 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Claims</td> <td></td> <td></td> <td>0</td> <td>× 270 =</td> <td>0</td> </tr> <tr> <td colspan="2">SUBTOTAL (2)</td> <td colspan="2">144</td> <td colspan="2">SUBTOTAL (3)</td> </tr> </tbody></table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2520	147	2520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1390	218	695	Extension for reply within fourth month		128	1890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1510	138	1510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - intentional		141	1240	241	620	Petition to revive - unintentional		142	1210	242	605	Utility issue fee		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (1)		\$ 710		SUBTOTAL (3)		2. CLAIMS		Extra	Fee from below	Fee Paid		Total Claims	28	-20 =	8	× 18 =	144	Ind. Claims	3	-3 =	0	× 80 =	0	Multiple Dep. Claims			0	× 270 =	0	SUBTOTAL (2)		144		SUBTOTAL (3)	
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SUBMITTED BY			Complete (if applicable)	
Typed or Printed Name			Brian C. Kunzler	
			Reg. Number	38,527
Signature				
			Date	Oct 12, 2000
			Deposit Account User ID	

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Docket No.: SJO0-00-044

jc 09/13 U.S. PTO
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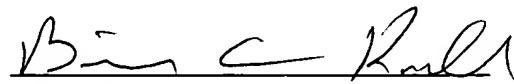
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Date of Deposit: October 12, 2000

I hereby certify that this patent application in the name of Kevin Frank Smith for
PRESCHEDULING SEQUENTIAL DATA PREFETCHES IN A PREEXISTING LRU CACHE,
together with the drawings, a Declaration, Power of Attorney, and Petition, an Assignment and
Recordation Form Cover Sheet, Information Disclosure Statement, PTO Form 1449, and Copies
of Cited References are being deposited with the United States Postal Service "Express Mail Post
Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope
addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C.
20231.

Respectfully submitted,


Brian C. Kunzler
Reg. No. 38,527
Attorney for Applicant

Date: October 12, 2000

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